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BIENNIAL REPORT
OF THE
North Carolina
Sanatorium

SANATORIUM, N. C.



FOR THE TWO YEARS ENDED JUNE 30, 1932

BIENNIAL REPORT
OF THE
North Carolina
Sanatorium

SANATORIUM, N. C.



FOR THE TWO YEARS ENDED JUNE 30, 1932

PERSONNEL

BOARD OF DIRECTORS

DR. T. W. M. LONG, <i>Chairman</i>	Roanoke Rapids
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MR. W. E. HARRISON, <i>Secretary</i>	Rockingham
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MRS. MAX T. PAYNE.....	Greensboro
MR. J. R. MCQUEEN.....	Lakeview

P. P. MCCAIN, M. D.	Superintendent and Medical Director
S. M. BITTINGER, M. D.	Assistant Superintendent and Resident Physician
J. H. WILLIAMS, M. D.	Assistant Physician
JNO. S. HOOKER, M. D.	Assistant Physician
W. B. HOOKS, M. D.	Assistant Physician
MARTHA C. NEWMAN, R. N.	Superintendent of Nurses
MRS. E. B. SATTERWHITE.....	Assistant Superintendent of Nurses
W. L. WOODARD, D. D. S.	Dentist
RAY DAVIS.....	Laboratory and X-ray Technician
F. L. EUBANKS.....	Cashier and Purchasing Officer
J. B. WOMBLE.....	Steward
J. L. BEALL.....	Farm Superintendent
M. E. ROTHGEB.....	Chief Engineer
CARRIE BROADFOOT.....	Superintendent of Nurses, Colored Division

EXTENSION DEPARTMENT OF THE NORTH CAROLINA SANATORIUM FOR THE TREATMENT OF TUBERCULOSIS

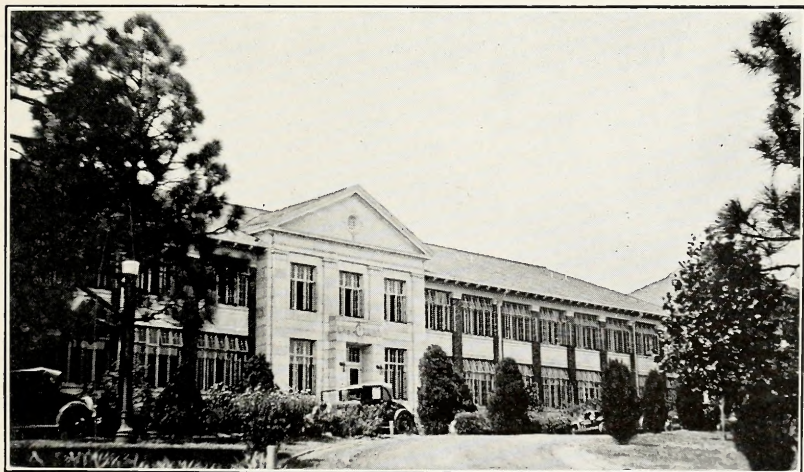
P. P. MCCAIN, M. D.	Director
H. F. EASON, M. D.	Clinic Physician
C. D. THOMAS, M. D.	Clinic Physician
W. F. THORNTON, M. D.	Clinic Physician

CONSULTING STAFF

DR. O. L. MILLER, <i>Orthopedic Surgeon</i>	Gastonia
DR. JULIAN A. MOORE, <i>Surgery</i>	Asheville
DR. J. D. HIGHSMITH, <i>Surgery</i>	Fayetteville
DR. C. R. MONROE, <i>Surgery</i>	Pinehurst
DR. JAMES M. LILLY, <i>Eye, Ear, Nose and Throat</i>	Fayetteville
DR. WM. S. JORDAN, <i>Eye, Ear, Nose and Throat</i>	Fayetteville
DR. W. P. MCKAY, <i>Eye, Ear, Nose and Throat</i>	Fayetteville
DR. J. B. GREENE, <i>Laryngologist</i>	Asheville
DR. JAMES B. BULLITT, <i>Pathology</i>	Chapel Hill
DR. WM. DEB. MACNIDER, <i>Pharmacology</i>	Chapel Hill



MAIN ENTRANCE AND INFIRMARY



WOMEN'S BUILDING

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LETTER OF TRANSMITTAL

To His Excellency,
GOVERNOR O. MAX GARDNER,
Raleigh, North Carolina.

SIR:

I have the honor to transmit herewith the report of the Superintendent of the operations of the North Carolina Sanatorium for the Treatment of Tuberculosis for the biennium ended June 30, 1932.

The report of the Superintendent is accepted as the report of the Board of Directors.

Respectfully submitted,

T. W. M. LONG, *Chairman,*
Board of Directors.

REPORT OF SUPERINTENDENT

DR. T. W. M. LONG, *Chairman,*
Board of Directors,
North Carolina Sanatorium,
Roanoke Rapids, N. C.

August 20, 1932

DEAR DR. LONG:

I beg to submit herewith the Biennial Report of the North Carolina Sanatorium for the period closing June 30, 1932. Previously we have always issued separate annual reports, but for the sake of economy we are combining the reports of the two years.

There is a summary of the work of the Extension Department of the Sanatorium and there are separate detailed reports of the activities of the four divisions of the institution, Adult White, Children, Colored and Prison, for each of the two years. In all departments we treated 1,021 during 1931 and 946 in 1932. Of these numbers 643 were discharged in 1931 and 607 in 1932.

You will notice that we have treated a smaller number during the biennium than formerly. This is due to the fact that a large proportion of those needing treatment have been unable to pay our minimum rate of \$1.00 per day. We have several vacancies in our ladies', children's and colored departments on this account. The more poverty stricken the patient is the more impossible it is for him to get proper treatment at home, and the more likely he is to communicate his disease to the other members of the family. We earnestly hope that our maintenance appropriation may be increased sufficiently to enable us to take strictly indigent cases at fifty cents per day, and that legislation be provided requiring the counties to pay this amount toward the care of their indigent tuberculous sufferers.

We find that an increasing number of our patients are benefited by pneumothorax treatment. About one-third of our adult and adolescent patients are now taking this treatment. We have also had altogether about two hundred patients operated on for exeresis of the phrenic nerve with almost uniformly good results. We have had a few operated upon for thoracoplasty, all of which were successful.

Because it does not seem to be generally understood I am calling attention to the fact that in North Carolina all of the official anti-tuberculosis work of the State is carried on through

the North Carolina Sanatorium. In a number of states all the official publicity and diagnostic clinic work is carried on through a Bureau of Tuberculosis of the State Board of Health. In North Carolina all this is done through the Extension Department of the North Carolina Sanatorium. It is also required that all discovered cases of tuberculosis be reported to the Extension Department of the Sanatorium. A separate appropriation is made by the General Assembly for the work of the Extension Department.

In our diagnostic clinic work which is carried on through the Extension Department we have devoted a large part of our efforts during the school year to work for school children. Previously we included only those children up to fifteen years of age, but during the biennium which has just closed we also included all the high school pupils in the study. We now feel that this is very important because so many of teen age develop the adult type of tuberculosis. We found a much larger percentage of the teen age group who had clinical adult type lesions than among those younger. Some of those discovered had rather extensive lesions and were a source of great danger to the other pupils with whom they were associated. We were also glad to be able to include a much larger proportion than usual of colored school children. During the biennium we studied 58,649, of which number 12,475 were colored.

Altogether we have given the tuberculin test in the past six years to 122,374 children, using .1 of a milligram, or .1 c.c. of a 1:1000 dilution, of old tuberculin intracutaneously. As will be seen from the detailed statistical report of this study, there were only 15.77% positive reactors, 15.6% for the white children as compared with 18.8% for the colored. It will also be seen from the statistical report that the percentage of reactors showing demonstrable lesions was considerably higher in the colored than in the white children. In Watauga County, which is almost entirely rural and in the heart of the mountains, and sparsely populated, we tested something over 2,700 children, which were practically all in the county, even including the very small schools, and we were surprised to find only 4.3% positive reactors. However, we found a considerably larger per cent than usual of positive reactors showing demonstrable lesions. This we attributed to the fact that most of the positive reactors came from homes where there was or had been one or more cases of open tuberculosis and because in such communities frequent

casual contact is much less common than in more thickly settled communities.

Since the importance of making a study of college students for tuberculosis has been demonstrated in a number of large universities in various sections of the country, we conducted diagnostic clinics in one of the white and one of the colored state supported colleges during 1932. All the students were given the tuberculin test, all positive reactors were given a physical examination and stereoscopic X-rays were made on a large per cent of the positive reactors. During the coming years we hope to extend this study to most, if not all, of the colleges in the State.

We have a constantly increasing number coming to our out-patient diagnostic clinic conducted here at the Sanatorium daily except Sunday. During the biennium we examined 4,755 in this clinic, of which 855 were diagnosed as positive, 2,465 as negative and 1,435 re-examinations. It is distressing that comparatively few cases of early tuberculosis are found either among those who come to our out-patient clinic for examination or among those admitted to our institution for treatment. The onset of tuberculosis is so insidious and so often definite symptoms and physical signs are lacking that we feel that the main hope of discovering tuberculosis early depends upon the more general use of the tuberculin test and the X-ray in addition to a careful physical examination and a careful history, and especially for all known contacts.

It is gratifying that in spite of the depression there were 123 fewer deaths from tuberculosis in North Carolina during 1930 than during 1929 and 126 less in 1931 than in 1930. This gives us a death rate for the State of 76.5 per 100,000 population for 1930 and 72.5 for 1931. Considering the fact that North Carolina is one of the most noted tuberculosis resort states in the country and also the fact that one-third of the population of the State are negroes, these mortality rates are encouraging. The average mortality rate from tuberculosis for the thirteen southern states for 1930 was 80.4 per 100,000. The 1930 rate for the United States was 71.5. The exact rate for 1931 is not yet obtainable. It is known, however, that there was a substantial reduction over 1930. Tuberculosis now stands seventh instead of first, as it did twelve years ago, as a cause of death in the United States.

The additions and improvements to our sewerage disposal plants, for both our white and colored divisions, were completed

during 1931. The plans were drawn and the work was supervised by the Engineering Department of the State Board of Health.

The Budget Bureau permitted us to build out of our maintenance appropriation for additions and betterments a fireproof storage house for our 40,000 nitrate base X-ray films. This is located 250 feet from the nearest building so that there is no danger to either the patients or the other buildings from a possible fire or explosion.

Out of our appropriation for additions and betterments we also built a brooder house for 6,000 chicks, which is heated by steam from a single furnace and which will enable us to effect an enormous saving in our fuel bill for the poultry plant.

The unexpended balances of the previous appropriations for permanent improvements, amounting to \$16,219.39, were re-appropriated by the last General Assembly for the installation of sprinkler systems in the portion of our main building which is not fireproof and in our colored building. Bids have been received for these installations well within the amount of the appropriation and we are hoping that the money will soon be available for the letting of the contract.

The installation of the splendid RCA sound motion picture equipment has added immensely to the pleasure of the patients, and we think it is of definite therapeutic value. We are deeply grateful to the Charlotte Film Board of Trade for continuing to furnish us with excellent films without charge.

There have been a few changes in our staff during the bien-nium. The first of January, 1930, Dr. W. G. Byerly, who had been with us for several years and who had endeared himself both to the patients and to the staff, resigned to accept the position of resident physician at the South Carolina State Sanatorium. Dr. J. S. Hooker was promoted to take his place, and Dr. L. A. Crowell, Jr., of Lincolnton, was chosen to take the place of Dr. Hooker. In September, 1931, Dr. Crowell resigned to take up work with his father in Lincolnton, and Dr. W. B. Hooks was employed.

The first of September, 1930, Miss Olivia Raney resigned as Superintendent of Nurses to accept the position of night supervisor of the Baptist Hospital at New Orleans. We were fortunate to secure Miss Martha C. Newman as her successor. Miss Newman has already made several improvements in the train-

ing school and we think it is in better condition than at any time since it was organized.

We are greatly indebted to the good ladies of Pinehurst for supplying each of our patients and nurses with generously filled stockings for Christmas and to many other friends for flowers, books and magazines, records, clothing and various other gifts, and for making Sunday School talks, conducting preaching service and giving entertainments and concerts for us.

I especially want to thank Dr. S. M. Bittinger and the other members of the medical staff for their splendid work and all the employees for their hearty coöperation and support.

In closing I wish to express to you and to each member of the Board my deep gratitude for your kindly guidance and stimulation and for your hearty support throughout the biennium.

Respectfully yours,

P. P. MCCAIN,
*Superintendent and
Director, Extension Department.*

TABLE NO. 1
General Information

1. Date of opening	1909	
2. Plant: Value of Property:		
Functional	\$ 105,198.00	
Dormitories	809,500.00	
Dining Rooms	136,405.00	
Recreational	1,558.00	
Utilities	317,264.97	
Farm and Dairy	214,459.00	
Total	\$ 1,584,384.97	
3. Total acreage of property owned	2000	2000
Additional acreage rented	None	None
Total acreage under cultivation	455	455
4. Officers and Employees Actually in Service at End of Year.		

	1931			1932		
	Male	Female	Total	Male	Female	Total
Administration:						
Superintendent	1		1	1		1
Cashier and Purchasing Officer	1		1	1		1
Asst. Cashier	1		1	1		1
Sw'board Oper.	1		1	1		1
Professional Care and Treatment:						
Asst. Superintendent and Resident Physician	1		1	1		1
Asst. Physicians	3		3	3		3
Dentist	1		1	1		1
Laboratory and X-ray Technician	1		1	1		1
Asst. Lab. and X-ray Technicians	1	1	2	1	1	2
Superintendents of Nurses		2	2		2	2
Graduate Nurses		6	6		6	6
Other Nurses and Attendants		38	38		38	38
Custodial Care:						
Steward	1		1	1		1
Housekeeper		1	1		1	1
Operation and Maintenance of Plant:						
Chief Engineer	1		1	1		1
Supervisor Buildings and Grounds	1		1	1		1
Agriculture:						
Farm Supt.	1		1	1		1
Dairyman	1		1	1		1
Poultryman	1		1	1		1
All other employees	74	11	85	75	10	85
Total officers and employees	91	59	150	92	58	150
Average daily population			383.6			368
Normal capacity			400			400

TABLE NO. 2
Financial Statement

RECEIPTS	YEARS ENDED	
	June 30, 1931	June 30, 1932
1. Balance on hand from previous year	\$ 43,473.20	\$ 32,059.39
2. Appropriation-----	150,500.00	130,400.00
3. Received from paying inmates-----	137,760.20	127,127.93
4. Received from all other sources—fire loss-----		1,659.13
5. Total receipts-----	\$331,733.40	\$ 291,246.45
DISBURSEMENTS		
Expenditures for Maintenance:		
6. Salaries and wages	\$ 88,958.02	\$ 76,026.01
7. Provisions (food)---	86,886.91	55,635.55
8. Fuel, light and water-----	18,068.87	16,206.69
9. All other expenditures for maintenance-----	55,535.81	57,375.22
10. Total expenditures for maintenance---	\$249,449.61	\$ 205,243.47
11. Expenditures for permanent improvement including additional land and buildings-----	11,413.81	
12. Expenditures for other purposes, if any-----		
13. Total expenditures	\$260,863.42	\$ 205,243.47
14. Amount reverted to General Fund---	38,810.59	52,284.46
15. Balance on hand at close of year---	32,059.39	33,718.52
16. Total disbursements including balance and amount reverted to General Fund-----	\$331,733.40	\$ 291,246.45

SUMMARY OF YEAR'S WORK

July 1, 1930—June 30, 1932

Extension Department

	1930-31	1931-32
Letters and postals received.....	18,624	18,183
Individual letters written.....	11,856	11,796
Mimeographed letters mailed.....	596	922
Mimeographed forms prepared.....	53	82
Number of copies mimeographed.....	105,235	129,128
Articles written (approximate number of words):		
Press.....24,410	9,140	
Sanatorium Sun.....226,950	371,850	
	251,360	380,990
Copies Sanatorium Sun mailed.....	36,902	36,000
Articles copies (approximate number of words).....	18,425	31,800
Patients' histories written.....	594	515
Approximate number of words in patients' histories.....	891,000	772,500
Envelopes addressed.....	18,945	19,505
Enclosures sent out.....	10,250	9,928
Blank cards mailed for reporting cases of tuberculosis.....	3,940	2,792
Number of cases reported:		
White.....1,900	1,556	
Colored.....1,301	1,082	
	3,201	2,638
Literature sent to reported cases.....	2,431	1,874
Other literature sent.....	56,801	27,152
Sputum cups distributed.....	189,200	186,200
Tuberculin sent physicians for von Pirquet test.....	1,252	1,058
X-ray films sent in for interpretation.....	315	366
Report of phrenic operations.....	66	72

REPORT OF P. P. McCAIN, M. D.

	1930-31	1931-32
Days out of office.....	33	28
Addresses delivered.....	22	23
Number in audience.....	2,840	1,817

REPORT OF ADULT TUBERCULOSIS CLINICS

Drs. H. F. Easom, C. D. Thomas and W. F. Thornton, Clinic Physicians

	1930-31	1931-32	Total
Number of addresses delivered.....	45	19	64
Total audiences.....	3,520	1,340	4,860
	1930-31	1931-32	
Number of positive cases....	308	294	
Number of probable cases....	118	87	
Number of doubtful cases....	170	420	
Number of negative cases....	1,166	1,180	
		1,762	1,981
No. of white examinations.....	1,550	1,734	3,743
No. of colored examinations....	212	247	
		1,762	1,981
			3,743

REPORT OF CHILDREN'S TUBERCULOSIS CLINIC

Result of School Children's Tuberculosis Clinics Conducted by the Extension Department of the North Carolina Sanatorium, in Co-operation with Local Health and School Authorities During School Sessions 1930-31

Result of the Tuberculin Test

(.1 c.c. 1:1000 O. T. dilution intracutaneously)

	White	Colored	Total
Number given tuberculin test-----	27,016	8,912	35,928
Number positive reactors--	2,850(10.55%)	1,496(17.78%)	4,346(12.09%)

Result of the Study of the 4,346 Reactors

		% of the 4,346 Positive Reactors	% of the 35,928 Tested
No. reactors having physical examinations and X-rays-----	3,667		
No. reactors diagnosed as having tuberculosis-----	584	13.43	1.63
White, 343 (1.23% of 27,016 tested; 12.03% of 2,850 positive reactors)			
Colored, 241 (2.70% of 8,912 tested; 16.18% of 1,496 positive reactors)			
Childhood type-----	537		
Childhood and adult type-----	20		
Adult type-----	20		
Extrapulmonary-----	5		
Extrapulmonary and childhood type-----	2		
No. of reactors classified as suspicious--	476	10.95	1.33
Total number of reactors classified as not tuberculous-----	2,607	59.98	
Total number classified as having no demonstrable tuberculosis (31,582 negative tuberculin reactors plus 2,607)-----	34,189		95.16
Total number reactors either examined or X-rayed, but study not fully completed, the majority having mild reactions and presumably not tuberculous-----	448	10.33	1.25
No. reactors for various reasons not examined or X-rayed-----	231	5.31	0.63

REPORT OF CHILDREN'S TUBERCULOSIS CLINICS

Result of School Children's Tuberculosis Clinics Conducted by the Extension Department of the North Carolina Sanatorium, in Co-operation with Local Health and School Authorities During School Session 1931-32

Result of Tuberculin Test

(.1 c.c. 1:1000 O. T. dilution intracutaneously)

	White	Colored	Total
No. given the tuberculin test-----	19,158	3,563	22,721
No. positive reactors-----	3,003(15.6%)	669(18.8%)	3,672(16.26%)

Results of the Study of the 3,672 Positive Tuberculin Reactors

		% of the 3,672 Reactors	% of the 22,721 Tested
Number reactors having physical examinations and X-rays of chest (postero-anterior and oblique)-----	2,780		
Number reactors diagnosed as having tuberculosis-----	276	7.52	1.22
White, 206 (1.07% of 19,158 tested; 6.85% of 3,003 positive reactors)			
Colored, 70 (1.97% of 3,563 tested; 10.46% of 669 positive reactors)			
Childhood type-----	257		
Adult type-----	14		
Childhood and adult type-----	5		
Extrapulmonary-----	0		
Extrapulmonary and adult type-----	0		
Number reactors classified as suspicious	262	7.14	1.16
Number reactors classified as having no demonstrable tuberculosis-----	2,242	61.05	
Total number classified as having no demonstrable tuberculosis (2,242 plus 19,049 negative reactors)-----	21,291		93.70
Number reactors either X-rayed or examined, but study not fully completed, the majority having mild reactions and presumably not tuberculous-----	580	15.8	2.55
Number reactors for various reasons not examined or X-rayed-----	312	8.49	1.37

REPORT OF CHILDREN'S TUBERCULOSIS CLINICS

Summary of Results of School Children's Tuberculosis Clinics Conducted by the Extension Department of the North Carolina Sanatorium, in Co-operation with Local Health and School Authorities, During School Sessions 1926-1932

Result of Tuberculin Test

(.1 c.c. 1:1000 O. T. dilution intracutaneously)

	White	Colored	Total
No. given tuberculin test	102,507	19,867	122,374
No. positive reactors	15,687 (15.29%)	3,632 (18.28%)	19,319 (15.77%)

Results of the Study of the 16,097 Positive Tuberculin Reactors
Whose Study Was Completed

	% of the 16,097 Reactors Studied	% of the 119,152 Tested*
Number reactors having physical examinations and X-rays of chest (postero-anterior and oblique) -----	16,097	
Number reactors diagnosed as having tuberculosis -----	1,895	11.78
White, 1,394 (1.4% of 102,507 tested; 8.2% of 15,687 positive reactors)		1.60
Colored, 501 (2.5% of 19,867 tested; 13.8% of 3,632 positive reactors)		
Childhood type -----	1,716	
Adult type (parenchymal) --	102	
Childhood and adult type ---	49	
Extra-pulmonary -----	22	
Extra-pulmonary and adult type -----	6	
Number reactors classified as suspicious	1,970	12.24
Number reactors classified as having no demonstrable tuberculosis -----	12,232	75.98
Total number classified as having no demonstrable tuberculosis (12,232 plus 103,055 negative reactors) -----	115,287	96.75

*This represents the total number tested less 3,222 positive reactors who for various reasons were not studied or whose study was not complete.

WHITE DIVISION

MEDICAL REPORT

July 1930 - July 1932

STATISTICAL

	1930-31	1931-32	Total
Number of patients to be reported on.....	324	331	655
Number not classified.....	0	2	2
Number not tuberculous.....	51	57	108
Number of patients in Sanatorium July 1st.....	260	244	504
Total number of patients treated.....	635	634	1,269
Hospital Days.....	91,560	92,151	183,711

PATIENTS WHO STAYED LESS THAN NINETY DAYS
1930-32

CONDITION ON ADMISSION			CONDITION ON DISCHARGE									
			Apparently Arrested		Quiescent		Improved		Unimproved		Died	
1930-31 1931-32			1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32
Minimal.....	19	{ A 14 B 5 16 C 0 }	6	3	1	1	5	6	2			
			2	2	1		2	4				
Moderately Advanced.....	28	{ A 5 B 23 18 C 0 }			1		4	2				
					1	1	16	13	6	1	1	
Far Advanced.....	48	{ A 0 B 20 43 C 28 }										
					1		14	18	5	7		1
Childhood Type.....	1						8	11	18	3	2	3
Total.....	95	78	8	5	5	2	49	55	31	12	2	4
1930-31 1931-32			1930-31 1931-32									
Total number of days... 4,137 3,325			Average stay.....		43.55 42.63		Shortest stay.....		2 2		1930-31 1930-32	
Number gained weight: 1930-31 62; 31-32 53			Number lost weight: 1930-31 13; 31-32 11									
1930-31 1931-32			1930-31 1931-32									
Average gain.....		7.32 4.7	Average loss.....		3.21 2.41		Average loss.....		3.21 2.41		1930-31 1931-32	
Stationary.....		3 5	Not weighed.....		Not weighed.....		Not weighed.....		Not weighed.....		17 9	

HISTORY OF HEMORRHAGE

	1930-31	1931-32
Negative-----	178	188
Positive-----	118	123
{ Previous-----	23	13
{ Previous and during residence-----	5	7
{ During residence only-----		

RESULTS OF SPUTUM EXAMINATIONS

	1930-31	1931-32
Negative or no sputum-----	143	149
Positive-----	153	157
{ On admission-----	116	141
{ During residence-----	83	69
{ On discharge-----		

SEX, AGE AND CIVIL CONDITION

SEX	AGE						CIVIL CONDITION		
	1930-31						Single	Married	Widowed
	12-19	20-29	30-39	40-49	50-59	60-69			
Male-----127									
Female-----197	44	124	81	46	23	6	143	161	18
Total-----324									2
Male-----122									
Female-----209	46	147	72	37	19	7	133	169	21
Total-----331									8

Nationality: 654 Americans; 1 Russian Jew.

TUBERCULOUS COMPLICATIONS

Adenitis (tracheobronchial)	18	Hydro-pneumothorax	5
Adenitis (cervical)	12	Laryngitis	77
Anal fistula	28	Meningitis	1
Caseous pneumonia	2	Peritonitis	5
Cystitis	1	Pleurisy with effusion	22
Empyema	1	Pyo-pneumothorax	2
Enteritis	49	Spontaneous pneumothorax	2
Epididymitis	2	Tuberculosis of hip	2
Ischiorectal abscess	3		

NON-TUBERCULOUS COMPLICATIONS

Abscess (alveolar)	6	Mastoiditis (chronic)	1
Abscessed teeth	7	Menopause	6
Acne	1	Mitral regurgitation	9
Ankylosis	5	Morphinism	1
Anemia (secondary)	5	Myocarditis	2
Arteriosclerosis	1	Nephritis	11
Arthritis	4	Neuritis	1
Ascaris Lumbricoides	1	Nystagmus	1
Asthma (bronchial)	3	Otitis media	19
Atrophy of testicle	2	Panus left cornea	1
Atrophy of lower extremity	1	Paralysis agitans	1
Blepharitis	3	Paralysis (lower extremity)	1
Blindness (traumatic)	4	Pellagra	6
Bronchiectasis	11	Pelvic cellulitis	2
Bronchitis	4	Perforated nasal septum	2
Carius teeth	95	Pharyngitis	5
Deafness (partial)	7	Phimosis	1
Deafness (complete)	1	Prolapsed kidney	1
Deformity of left arm	1	Prolapse of uterus	1
Diabetes mellitus	3	Psychosis	2
Dwarf tapeworm	1	Ptosis (left eye lid)	1
Dysmenorrhea	2	Pyelitis	1
Eczema (squamous)	6	Pyorrhea	177
Erosion of cervix	3	Retroversion of uterus	12
Fibroid tumor	1	Rhinitis (atrophic)	2
Gastric ulcer	3	Rhinitis (chronic)	37
Goiter (simple)	3	Scabies	1
Goiter (toxic)	1	Sciatica	1
Hemorrhoids	19	Sinusitis	14
Hernia	10	Stomatitis	1
Hookworm	36	Strabismus	5
Hypertension	4	Tinea cruris	1
Icthyosis	1	Tonsilitis	103
Laceration of cervix	4	Undescended testicle	1
Laceration of perineum	4	Uterine fibroid	1
Lipoma	2	Varicocele	1
Lues	7	Varicose veins	7

OCCUPATIONS

Accountant	3	Messenger boy	1
Auto dealer	1	Mill work	53
Banking	2	Musician	1
Barber	3	Nurses	21
Beveling glass	1	Nurses (registered)	3
Bookkeeper	8	Orderly (hospital)	1
Bottling plant	2	Patrolman	1
Brick mason	1	Physician	2
Bus driver	2	Preacher	1
Cafe operator	1	Printer	2
Carpenter	6	Pulman conductor	2
Civil engineer	1	Railroad clerk	1
Clerical	16	Saleslady	1
Clerks	20	Salesman	12
Collector	2	Sawmill	1
Dentist	1	Section foreman	1
Dressmaker	1	Shoemaker	2
Drug clerk	2	Steam fitting	1
Engineer	2	Steam shovel operator	1
Farmer	59	Stenographer	10
Filling station	2	Students	69
Heating and plumbing	1	Teachers	22
Hotel matron	1	Telegraph operator	2
Housewives	236	Telephone manager	2
Insurance	4	Telephone operator	5
Interior decorator	1	Timekeeper	1
Laboratory technician	2	Train dispatcher	1
Laundry	1	Truck driver	1
Lawyer	4	Waitress	3
Machinist	6	Waiter	1
Merchant	8		

**PATIENTS EXAMINED IN SANATORIUM CLINIC FOR
DIAGNOSIS AND CONSULTATION**

July 1, 1930-June 30, 1932

	White		Colored		Prisoners		Total	
	30-31	31-32	30-31	31-32	30-31	31-32	30-31	31-32
July.....	234	243	11	14	13	14	258	271
August.....	223	220	12	10	11	11	246	241
September.....	192	224	14	11	8	11	214	246
October.....	205	252	10	11	9	4	224	267
November.....	154	133	6	18	6	4	166	155
December.....	101	118	3	6	7	11	111	135
January.....	146	116	6	6	8	8	160	130
February.....	140	162	5	7	6	9	151	178
March.....	174	127	6	14	9	4	189	145
April.....	182	120	12	14	10	9	204	143
May.....	209	187	16	10	7	13	232	210
June.....	210	231	13	8	3	14	226	253
Total.....	2,170	2,133	114	129	97	112	2,381	2,374

Classification

Positive diagnosis.....	344	330	55	63	30	33	429	426
Negative diagnosis.....	1,147	1,083	51	55	60	69	1,258	1,207
Re-examinations.....	679	720	8	11	7	10	694	741
Total.....	2,170	2,133	114	129	97	112	2,381	2,374

SUMMARY OF MEDICAL REPORT

July 1, 1930 to July 1, 1932

	1930-31	1931-32	Total
Patients admitted:			
Minimal.....	54	43	97
Moderately advanced.....	141	127	268
Far advanced.....	161	147	308
Extra-pulmonary.....	0	1	1
Childhood tuberculosis.....	3	2	5
Not tuberculous.....	38	42	80
Not classified.....	10	8	18
Total.....	407	370	777
Patients discharged:			
Apparently arrested.....	35	36	71
Quiescent.....	64	72	136
Improved.....	160	175	335
Unimproved.....	51	38	89
Died.....	14	10	24
Total.....	324	331	655

REPORT OF X-RAY LABORATORY

July 1, 1930-June 30, 1932

	White	Colored	Prisoners	Total
Stereoroentgenograms of chest				
Sanatorium patients.....	855	183	108	1,146
Stereoroentgenograms of chest				
Clinic patients.....	1,963	73	42	2,078
Double Roentgenograms of chest				
Sanatorium patients.....	110	15		125
Double Roentgenograms of chest				
Clinic patients.....	4,721	1,518		6,239
Single Roentgenograms of chest				
Sanatorium patients.....	1,066	102	42	1,210
Single Roentgenograms of chest				
Clinic patients.....	1,050	536	28	1,614
Miscellaneous X-rays.....	396	19	11	426
	10,161	2,446	231	12,838
X-ray treatments.....	169	27	3	199

Laboratory Report

	White	Colored	Prisoners	Total
Sputanalyses:				
Micros.....	6,382	1,108	706	8,196
Chem.....	1,605	253	262	2,120
Culture.....	2			2
Total.....	7,989	1,361	968	10,318
Urinalyses:				
Micros.....	1,508	254	134	1,896
Chem.....	1,579	251	128	1,958
Total.....	3,087	505	262	3,854
Blood:				
W. B. C.....	1,252	208	119	1,579
R. B. C.....	1,157	193	111	1,461
Hemoglobin.....	1,162	193	111	1,466
Color index.....	1,155	193	111	1,459
Differential.....	1,258	206	116	1,580
Kahn.....	552	141	68	761
Wassermann.....	645	252	87	984
Malaria.....	31			31
Urea.....	49			49
Widal.....	5		4	9
Calcium.....		10		10
Culture.....	10		1	11
Sugar.....	7			7
Undulant fever.....	4			4
Kline.....	63	9	12	84
Van den Bergh.....	2			2
Total.....	7,352	1,405	740	9,497

Laboratory Report—(Continued)

	White	Colored	Prisoners	Total
Feces.....	1,035	211	130	1,376
Phthalein.....	26	2		28
Gastric analyses.....	54	3	1	58
Pleural fluid.....	84	9	1	94
B. M. R.	64	3		67
Bacteriological.....	157	41	7	205
Spinal fluid.....	3	1	2	6
Peritoneal fluid.....	1		2	3
Peritoneal culture.....	1			1
Pleural culture.....	1			1
Ascitic fluid.....			3	3
Total.....	1,426	270	146	1,842

Water:

For coli.....	235	
Bacterial count.....	235	
Total.....		470

Milk:

For coli.....	36	
Bacterial count.....	37	
Butter fat.....	2	
Total.....		75

Total examinations and tests.....	26,056
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ORGANIZATIONS SUPPORTING AND ASSISTING IN THE SUPPORT OF PATIENTS

American Red Cross, Burlington	3
American Red Cross, Fayetteville	11
American Red Cross, Lumberton	1
American Red Cross, Rocky Mount	2
Baptist Church, Zebulon	1
Board of County Commissioners, Anson	1
Board of County Commissioners, Beaufort	1
Board of County Commissioners, Bladen	3
Board of County Commissioners, Brunswick	1
Board of County Commissioners, Buncombe	2
Board of County Commissioners, Caswell	2
Board of County Commissioners, Cleveland	1
Board of County Commissioners, Currituck	2
Board of County Commissioners, Davidson	1
Board of County Commissioners, Duplin	7
Board of County Commissioners, Forsyth	2
Board of County Commissioners, Gaston	46
Board of County Commissioners, Halifax	1
Board of County Commissioners, Harnett	1
Board of County Commissioners, Haywood	1
Board of County Commissioners, Hoke	1
Board of County Commissioners, Lee	2
Board of County Commissioners, Lenoir	1
Board of County Commissioners, Lincoln	1
Board of County Commissioners, McDowell	1
Board of County Commissioners, New Hanover	2
Board of County Commissioners, Onslow	4
Board of County Commissioners, Orange	1
Board of County Commissioners, Randolph	1
Board of County Commissioners, Richmond	2
Board of County Commissioners, Robeson	1
Board of County Commissioners, Rockingham	1
Board of County Commissioners, Rowan	1
Board of County Commissioners, Scotland	1
Board of County Commissioners, Stanly	2
Board of County Commissioners, Stokes	1
Board of County Commissioners, Surry	3
Board of County Commissioners, Union	4
Board of County Commissioners, Yancey	1
Commission of Institutions, Asheville	2
Charity Organization Society, Greensboro	1
Charity Organization Society, Goldsboro	5
Charity Organization Society, Raleigh	1
Crescent Orphanage, Rockwell	1
Erlanger Mills, Erlanger	2
Health Department, Louisburg	1
Junior Order Orphans' Home, Lexington	2
Locke Cotton Mills, Concord	1
Masonic Orphanage, Oxford	2
Mutual Aid Association, Draper	23
Norwood Manufacturing Company, Norwood	1
Mrs. Jefferson Penn, Reidsville	1
Public Welfare, Concord	1
Public Welfare, Durham	21
Public Welfare, Goldsboro	5
Public Welfare, Greenville	1
Public Welfare, Lexington	4
Public Welfare, Lillington	2
Public Welfare, Lenoir	2
Public Welfare, Lumberton	1

Public Welfare, Mocksville	1
Public Welfare, Morganton	1
Public Welfare, Newton	2
Public Welfare, Pitt	1
Public Welfare, Reidsville	5
Public Welfare, Richmond	2
Public Welfare, Rockingham	10
Public Welfare, Smithfield	1
Public Welfare, Wilson	6
Roanoke Mills, Roanoke Rapids	1
Salisbury Cotton Mill, Salisbury	2
Tuberculosis Association, Boone	1
Tuberculosis Association, Concord	8
Tuberculosis Association, Nashville	6
Tuberculosis Association, Thomasville	1
Tuberculosos Seal Sale Committee, coöperating with the Woman's Club, Raleigh	6
United Daughters of the Confederacy	1

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and Magazines:

Mr. J. N. Powell, Southern Pines, N. C.
 American Bible Society, Richmond, Va.
 Busy Bee Boys' Class, Southern Pines, N. C.
 Miss Ester E. Gessford, Pembroke, N. C.
 Mrs. Popham, Pinehurst, N. C.
 Mrs. Bob Stewart, Pinehurst, N. C.
 Bible Institute Colportage Association, Chicago, Ill.
 Miss Julia McNeill, St. Pauls, N. C.
 Mr. Julius W. Stone, High Point, N. C.
 Mrs. W. T. Hines, Faison, N. C.

Candies, Cakes, Nuts, Fruits, Flowers, et cetera:

State Dahlia Association, Zerconia, N. C.
 Mr. and Mrs. Jim Sweat, Southern Pines, N. C.
 Mr. Wm. S. Jonker, Southern Pines, N. C.
 St. Anne's Guild, Raleigh, N. C.
 Civic and Kiwanis Clubs, Southern Pines, N. C.

Miscellaneous Gifts:

Mrs. George M. Howard, Pinehurst, N. C.
 Mrs. W. B. Merrill, Pinehurst, N. C.
 Mrs. C. M. Howard, Pinehurst, N. C.
 Book Club, Aberdeen, N. C.
 Third Grade, Chadbourn, N. C.
 Becton-Dickinson Company, Rutherford, N. J.
 Vass-Lakeview Vacation Bible School.
 Presbyterian Sunday School, Aberdeen, N. C.

Cash Donations:

Mrs. Janette H. Baxter, Seattle, Washington.
 Mr. J. E. Gregory, Wilson, N. C.
 Mr. W. G. Spaulding, Whiteville, N. C.

CHILDREN'S DIVISION

MEDICAL REPORT

STATISTICAL

	1930-31	1931-32	Total
Number of patients to be reported on.....	87	54	141
Number not classified.....	3	0	3
Number not tuberculous.....	4	1	5
Number of patients in Sanatorium July 1st.....	34	31	65
Total number of patients treated.....	128	86	214
Hospital days.....	15,873	13,340	29,213

Summary Medical Report

Patients admitted:			
Adult type tuberculosis.....	19	9	28
	1930-31	1931-32	
Minimal.....	12	4	
Moderately advanced.....	7	4	
Far advanced.....	0	1	
Childhood type tuberculosis.....	39	43	82
Not classified.....	3	2	5
Total.....	61	54	115
Patients discharged:			
Apparently healed.....	78	41	119
Apparently inactive.....	7	5	12
Improved.....	1	8	9
Unimproved.....	1	0	1
Total.....	87	54	141

Sex and Age

	1930-31	1931-32	Total
Sex:			
Male.....	31	20	51
Female.....	56	34	90
Total.....	87	54	141
Age:			
2-9.....	40	25	65
10-15.....	47	29	76
Total.....	87	54	141

Tuberculous Complications

1930 - 1932

Tracheobronchial adenitis.....	25	Peritonitis.....	1
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Non-Tuberculous Complications

Adenitis (cervical).....	2	Impaired hearing.....	2
Arthritis.....	1	Impaired vision.....	5
Ascaris Lumbricoides.....	3	Lues.....	2
Blepharitis.....	1	Mitral insufficiency.....	1
Blindness (traumatic).....	2	Otitis media.....	1
Bronchiectasis.....	4	Pediculosis capiti.....	5
Bronchitis.....	1	Pharyngitis.....	1
Bronchopneumonia.....	1	Phimosis.....	2
Carious teeth.....	28	Pneumonitis.....	4
Diseased adenoids.....	4	Pompholyx (hands and feet).....	1
Diseased tonsils.....	68	Poison ivy.....	1
Dwarf tapeworm.....	1	Pyorrhea.....	1
Epilepsy.....	1	Rhinitis (chronic).....	2
Hookworm.....	13	Ringworm.....	2
Hypertension.....	2	Scabies.....	2
		Strabismus.....	1

COLORED DIVISION

MEDICAL REPORT

STATISTICAL

	1930-31	1931-32	Total
Number of patients to be reported on.....	107	106	
Number not classified.....	0	0	
Number not tuberculous.....	10	7	
Number of patients in Sanatorium July 1st.....	57	28	
Total number of patients treated.....	174	141	315
Hospital days.....	21,005	18,065	39,070

PATIENTS WHO STAYED LESS THAN NINETY DAYS
1930-32

CONDITION ON ADMISSION				CONDITION ON DISCHARGE									
				Apparently Arrested		Quiescent		Improved		Unimproved		Died	
				1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32
Minimal				1									
				{ A 1	{ A 0								
				{ B 0	{ B 0								
				{ C 0	{ C 0								
Moderately Advanced				4				2	4		2	2	
				{ A 0	{ A 0								
				{ B 4	{ B 6								
				{ C 0	{ C 0								
Far Advanced				37				1	5	7	3		1
				{ A 1	{ A 0			5	5	16	11	6	9
				{ B 12	{ B 9			2	4				
				{ C 24	{ C 24								
Childhood Type				1				1					
Extra-pulmonary				1							1		
Total				43	40			11	13	23	17	8	10
Total number of days				1,683	1,818	Average stay		1930-31 1931-32		Shortest stay		1930-31 1931-32	
						39.14		45.5		3		3	
Number gained weight:				1930-31	28; 31-32	21		Number lost weight:		1930-31	11; 31-32	13	
Average gain				6	4.79	Average loss		5.7		3		6.65	
Stationary				1	5	Not weighed				3		1	

PATIENTS WHO STAYED NINETY DAYS OR OVER

1930-32

CONDITION ON ADMISSION			CONDITION ON DISCHARGE									
			Apparently Arrested		Quiescent		Improved		Unimproved		Died	
			1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32	1930-31	1931-32
Minimal	4	{A 3 B 1 1 C 0}	1		2			1				
			1									
Moderately Advanced	22	{A 1 B 19 11 C 2}			3		1 15 1	2 5 1	1 1	1 2		
Far Advanced	36	{A 0 B 22 52 C 14}		2 1		3	10 2	3 14 9	9 5	6 7	3 7	36 4
Childhood Type	2	66				1		1	1		1	
Total	64		2	3	5	4	29	36	17	16	11	7
Total number of days			1930-31 1931-32		1930-31 1931-32		1930-31 1931-32		1930-31 1931-32		1930-31 1931-32	
			20,044		Average stay		274.48 303.7		Longest stay		974 711	
Number gained weight:			1930-31 45; 31-32 50		Number lost weight:		1930-31 19; 31-32 14					
Average gain			1930-31 22.77 1931-32 17.3		Average loss		1930-31 12.97 1931-32 10.9					
Stationery			0 2		Not weighed		0 0					

OCCUPATIONS

1930 - 1932

Barber	3	Lawyer	1
Blacksmith	1	Maids	8
Brick Mason	2	Missionary	1
Butler	2	Musician	2
Cafe Operator	1	Night Watchman	1
Chauffeur	4	Nurses	9
Cleaning and Pressing	2	Orderly	1
Clerk	1	Packer	1
Cooks	17	Pullman Porter	3
Delivery boy	2	Seamstress	1
Dressmaker	2	Secretarial	1
Farming	34	Students	32
Factory laborer	11	Teachers	4
Housework	39	Travelers' Aid	1
Janitor	2	Truck Driver	3
Laborers	17	Undertaker	1
Laundress	2	Waiter	1

TUBERCULOUS COMPLICATIONS

1930 - 1932

Adenitis (tracheobronchial)	12	Meningitis	3
Adenitis (cervical)	2	Osteitis	1
Adenitis (inguinal)	1	Otitis media	2
Anal Fistula	3	Peritonitis	2
Enteritis	16	Pleurisy with effusion	15
Laryngitis	28	Pneumonia (caseous)	2
Lupus vulgaris	1		

NON-TUBERCULOUS COMPLICATIONS

Abscess (toe)	1	Hyperthyroidism	2
Alveolar abscess	1	Laceration of cervix	3
Anemia (secondary)	1	Laceration of perineum	3
Ankylosis	1	Leucoderma	1
Aortitis	1	Lues	18
Arterio-sclerosis	2	Mental deficiency	1
Arthritis	1	Mitral regurgitation	3
Asthma (bronchial)	1	Myocarditis	3
Carius teeth	51	Nystagmus	1
Cervicitis (uterine)	3	Osteomyelitis	1
Colitis	1	Pericarditis	1
Cystocele	2	Pregnancy	2
Deafness (partial)	2	Prolapsed uterus	1
Dementia	1	Psychosis	2
Endocarditis	2	Pyorrhea	38
Endocervicitis	3	Retroflexion of uterus	2
Endometritis	1	Retroversion of uterus	5
Epididymitis	1	Rhinitis (chronic)	6
Erosion of cervix	1	Salpingitis	2
Glossitis	1	Scabies	2
Gonorrhea	1	Stomatitis	1
Hallux Valgus	1	Testicular atrophy	1
Hemorrhoids	1	Tonsilitis	33
Hernia	4	Tumor of breast (fibroid)	1
Hookworm	2	Uterine fibroid	1
Hypertension	1	Varicose veins	2

SUMMARY MEDICAL REPORT

	1930-31	1931-32	Total
Patients admitted:			
Minimal.....	1	2	3
Moderately advanced.....	25	18	43
Far advanced.....	71	52	123
Childhood type tuberculosis.....	3	4	7
Not tuberculous.....	9	5	14
Extra-pulmonary.....	1	1	2
Total.....	110	82	192
Patients discharged:			
Apparently arrested.....	3	3	6
Quiescent.....	5	4	9
Improved.....	40	49	89
Unimproved.....	40	33	73
Died.....	19	17	36
Total.....	107	106	113

**ORGANIZATIONS SUPPORTING AND ASSISTING IN
THE SUPPORT OF PATIENTS**

American Red Cross, Farmville.....	1
American Red Cross, Fayetteville.....	14
American Red Cross, Hickory.....	2
Board of County Commissioners, Bladen.....	1
Board of County Commissioners, Catawba.....	1
Board of County Commissioners, Currituck.....	2
Board of County Commissioners, Forsyth.....	1
Board of County Commissioners, Gaston.....	13
Board of County Commissioners, Hoke.....	11
Board of County Commissioners, Lee.....	1
Board of County Commissioners, Pasquotank.....	2
Board of County Commissioners, Robeson.....	2
Board of County Commissioners, Scotland.....	1
Board of County Commissioners, Union.....	4
Charity Organization Society, Goldsboro.....	7
City of Winston-Salem.....	3
Family Service Agency, Greensboro.....	1
Health Department, Louisburg.....	1
Moore County Health and Welfare Association, Mrs. Frances Keating, President.....	6
Mutual Aid Association, Spray.....	3
Oxford Orphanage.....	1
Public Welfare, Asheville.....	1
Public Welfare, Burlington.....	1
Public Welfare, Chapel Hill.....	1
Public Welfare, Concord.....	1
Public Welfare, Durham.....	23
Public Welfare, Fayetteville.....	1
Public Welfare, Goldsboro.....	2
Public Welfare, Henderson.....	1
Public Welfare, Lenoir.....	2
Public Welfare, Lillington.....	2
Public Welfare, Raleigh.....	1

Public Welfare, Reidsville	2
Public Welfare, Rockingham	5
Public Welfare, Wadesboro	12
Public Welfare, Washington	1
Public Welfare, Wilson	1
Tuberculosis Association, Burlington	1
Tuberculosis Association, Nashville	1
Tuberculosis Association, Wilson	1
Tuberculosis Seal Sale Committee, coöperating with the Woman's Club, Raleigh	2
Tuberculosis Seal Sale Committee, Sanford	1

PERSONS FROM WHOM DONATIONS WERE RECEIVED

Books and Magazines:

Miss Mary Page, Aberdeen, N. C.
 Mr. Drew, Southern Pines, N. C.
 Mrs. John G. Phillips, Sharron, Massachusetts.
 Mr. and Mrs. Smith, Pine Bluff, N. C.
 Mrs. Morse, Canton, Maryland.
 Mrs. F. A. Brown, Boston, Massachusetts.
 Lend A Hand Book Mission, Boston, Massachusetts.

Miscellaneous Gifts:

Zion Chapel, Salisbury, N. C.
 Woman's Club, Statesville, N. C.
 Rev. and Mrs. McCord, Southern Pines, N. C.
 Mrs. Boyd, Southern Pines, N. C.
 Mrs. Cheatham, Pinehurst, N. C.

Cash:

Mrs. Viola Davis, Concord, N. C.
 Mrs. Parson, Pinehurst, N. C.
 Mrs. Chapman, Pinehurst, N. C.
 Mr. S. Chapin, Pinehurst, N. C.

PRISON DIVISION MEDICAL REPORT

	1930-31	1931-32	Total
Number of patients to be reported on.....	39	24	63
Number not tuberculous.....	18	25	43
Number of patients in Sanatorium July 1st.....	27	36	63
Total number of patients treated.....	84	85	169
Hospital days.....	12,698	11,130	23,828
Summary Medical Report			
Patients admitted:			
Minimal.....	8	5	13
Moderately advanced.....	12	15	27
Far advanced.....	11	13	24
Not classified.....	4	5	9
Not tuberculous.....	18	20	38
Extra-pulmonary.....	1	1	2
Childhood tuberculosis.....	0	1	1
Total.....	53	60	113
Patients discharged:			
Apparently arrested.....	3	1	4
Quiescent.....	6	2	8
Improved.....	16	15	31
Unimproved.....	4	2	6
Died.....	10	4	14
Total.....	39	24	63

SANATORIUM
SANATORIUM, N. C.

FINANCIAL REPORT

FOR THE TWO FISCAL YEARS ENDED
JUNE 30, 1931, AND JUNE 30, 1932

EXHIBIT "A"

Revenues and Expenditures

PERMANENT IMPROVEMENT FUND

For the Two Years Ended June 30, 1931 and 1932

	Fiscal Year 1930-1931	Fiscal Year 1931-1932
REVENUES		
Appropriations:		
Chapter 147, P. L., 1927 Balance	\$ 8,508.45	\$ 8,508.45
Chapter 295, P. L., 1929 Balance	34,964.75	23,550.94
Institutional receipts—Fire loss		1,659.13
Total Revenues	\$ 43,473.20	\$ 33,718.52
EXPENDITURES		
Sewage disposal	\$ 11,413.81	None
Balance June 30	\$ 32,059.39	\$ 33,718.52

EXHIBIT "B"

Revenues and Expenditures

MAINTENANCE FUND

For the Two Years Ended June 30, 1931 and 1932

	Fiscal Year 1930-1931	Fiscal Year 1931-1932
REVENUES		
Appropriations:		
Chapter 280, P. L., 1929	\$150,500.00	
Chapter 429, P. L., 1931		\$ 130,400.00
Institutional receipts (net)	137,760.20	127,127.93
Total revenues	\$288,260.20	\$ 257,527.93
EXPENDITURES		
Office and administration	\$ 9,693.81	\$ 7,101.74
Professional care and treatment	43,652.23	36,944.45
Custodial care	113,844.91	90,273.81
Operation of plant	28,638.04	25,740.99
Maintenance of plant	16,193.83	18,027.41
Agriculture	36,282.87	24,133.37
Additions and betterments	1,143.92	3,021.70
Total expenditures	\$249,449.61	\$ 205,243.47
Balance reverted to General Fund	\$ 38,810.59	\$ 52,284.46

EXHIBIT "B-1"

Revenues and Expenditures

EXTENSION FUND

For the Two Fiscal Years Ended June 30, 1931 and 1932

	Fiscal Year 1930-1931	Fiscal Year 1931-1932
REVENUES		
Appropriations:		
Chapter 280, P. L., 1929.....	\$ 30,000.00	
Chapter 429, P. L., 1931.....		\$ 24,180.00
Institutional receipts.....	824.64	262.69
Total revenues.....	\$ 30,824.64	\$ 24,442.69
EXPENDITURES		
Salaries and wages.....	\$ 16,771.50	\$ 14,546.74
Supplies and materials.....	372.03	200.84
Postage, telegraph and telephone.....	1,012.59	839.56
Travel expense.....	3,582.75	2,471.52
Printing and binding.....	2,343.11	1,909.84
Total expenditures.....	\$ 24,081.98	\$ 19,968.50
Balance reverted to General Fund.....	\$ 6,742.66	\$ 4,474.19

EXHIBIT "C"

AVERAGE POPULATION AND MAINTENANCE PER CAPITA COST

For the Two Fiscal Years Ended June 30, 1931 and 1932

	Fiscal Year 1930-1931	Fiscal Year 1931-1932
Office and administration.....	\$ 25.27	\$ 19.31
Medical and surgical.....	71.30	61.39
Nursing and attendance.....	38.84	35.72
Instructional.....	3.66	3.28
Subsistence.....	226.50	187.86
Housekeeping.....	49.29	41.56
Wearing apparel.....	2.53	1.65
Laundry.....	12.61	11.38
Recreational.....	5.84	2.85
Operation of plant.....	74.66	69.95
Care buildings and grounds.....	42.22	48.99
Agriculture.....	94.59	65.58
Additions and betterments.....	2.98	8.21
Totals.....	\$ 650.29	\$ 557.73
Average number of patients.....	383.6	368

EXHIBIT "D"

Statement of Institutional Receipts

MAINTENANCE FUND

For the Two Fiscal Years Ended June 30, 1931 and 1932

	Fiscal Year 1930-1931	Fiscal Year 1931-1932
Office and administration.....	\$ 10,959.48	\$ 15,395.27
Professional care and treatment.....	6,395.20	5,093.50
Custodial care.....	131,607.48	122,944.00
Agriculture.....	921.84	172.80
Total gross institutional receipts.....	\$149,884.00	\$ 143,605.57
Less:		
Refunds of expense.....	\$ 10,959.48	\$ 15,395.27
Refunds of receipts.....	1,164.32	1,082.47
Total refunds.....	\$ 12,123.80	\$ 16,477.64
Total net institutional receipts.....	\$137,760.20	\$ 127,127.93

NOTE: Under institutional receipts 1931-1932, administration, is included \$3,000.00 imprest fund which was returned by the institution during the year.

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